Notice of Allowability	Application No. 09/813,711	Applicant(s) GHOSH ET AL.	
	Examiner Michael N. Opsasnick	Art Unit 2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *arguments presented on 7/22/05*.

2. ☒ The allowed claim(s) is/are *1-45*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

 * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 4/14/06.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

1. Upon further reconsideration of applicant's arguments as requested by applicant's representative in a Pre-Appeal Brief Request dated 1/6/2006, the finality of the Office Action mailed 9/9/2005 is removed, and prosecution on the merits is reopened.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claims 1-4,7-16,19-23,26-34,37-41,44,45:

Replace "PIM" with -- personal information manager--.

Allowable Subject Matter

3. Claims 1-45 are allowed over the prior art of record.

4. The following is an examiner's statement of reasons for allowance:

As per the independent claims, the recited limitations pertaining to the selection and training of language models according to user PIM data (the data in the PIM database consisting of a user's address book, calendar entries, to do list, or e-mail messages), is not explicitly taught by the prior art of record.

An example of the prior art of record, Kanevsky et al (6529871) discloses the building of user databases and models by using an enrollment process that collects personal information (e.g. name, address, etc) from the user (Col 8, 30 51). The system contains non-acoustic and acoustic models (language models) for many users (Col 7, Line 62 and Col 8, Line 64). Kanevsky et al. disclose a learning algorithm for building user model that include the response to queried information from operators, informational forms, email forms, web based forms or Integrated Voice Response (IVR) systems (Col 7, Line 64 - Col 8, Line 7). This data is stored together with the acoustic models (language models) collected by a speech recognition system (Col 8,Line 65). However, the personal information is used to link a voice verification file with the user, not a preferred language model for speech recognition for that particular user (or the user's requirements). Furthermore, it would not have been obvious to one of ordinary skill in the art of speech models for users to modify the teachings of the prior art of record to obtain the recited limitations of the independent claims as noted above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. The drawings filed on 3/20/2001 are informal in nature and must be replaced with formal drawings. In order to avoid abandonment of this application, correction is required in reply to the Office action. The correction will not be held in abeyance.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Opsasnick, telephone number (571)272-7623, who is available Tuesday-Thursday, 9am-4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Richemond Dorvil, can be reached at (571)272-7602. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

mno
4/14/06

RICHEMOND DORVIL
SUPERVISORY PATENT EXAMINER